

In the claims:

1. **(Withdrawn)** A method of resisting corrosion of metals in concrete comprising,
 - introducing into concrete-making materials components of a compound capable of sequestering chloride ions,
 - establishing said concrete having metal elements embedded therein.
 - allowing said concrete to set.
2. **(Withdrawn)** The method of claim 1 including
 - employing as said compound a compound capable of establishing a corrosion resistant oxide layer on said embedded metal elements.
3. **(Withdrawn)** The method of claim 1 including
 - effecting said chloride sequestration in a low-solubility compound.
4. **(Withdrawn)** The method of claim 3 including
 - employing a nitrite-containing compound as said compound.
5. **(Withdrawn)** The method of claim 1 including
 - introducing said components of solid compound into mixing water for making said concrete.
6. **(Withdrawn)** The method of claim 5 including
 - introducing said components into said mixing water in a solution.
7. **(Withdrawn)** The method of claim 1 including
 - employing in said components at least one material selected from the group consisting of NaAlO_4 , $\text{Ca}(\text{NO}_2)_2$ and NaNO_2 .
8. **(Withdrawn)** The method of claim 7 including
 - reacting $\text{Ca}(\text{OH})_2$ with said components.
9. **(Withdrawn)** The method of claim 8 including
 - introducing said $\text{Ca}(\text{OH})_2$ as a said component.
10. **(Withdrawn)** The method of claim 8 including
 - producing said $\text{Ca}(\text{OH})_2$ by hydration of said concrete.
11. **(Withdrawn)** The method of claim 1 including
 - employing as said components a source of aluminum other than $\text{CaO} \cdot \text{Al}_2\text{O}_3$ and $3\text{CaO} \cdot \text{Al}_2\text{O}_3$.
12. **(Withdrawn)** The method of claim 11 including

employing as said source of aluminum a material selected from the group consisting of alumina, aluminates and alumina hydroxides.

13. **(Withdrawn)** The method of claim 1 including
employing in said components a material selected from the group consisting of nitrite salts and nitrate salts.

14. **(Withdrawn)** The method of Claim 1 including
employing as said compound a compound selected from the group consisting of

$3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$; $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_3)_2 \cdot n\text{H}_2\text{O}$;
 $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$; and $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_3)_2 \cdot n\text{H}_2\text{O}$
wherein $n = 0$ to 24 .

15. **(Previously Presented)** A method of resisting corrosion of metals in a concrete structure comprising,

creating a slurry containing at least one compound capable of sequestering chloride ions selected from the group consisting of

$3\text{Me}(\text{II})\text{O} \cdot \text{R}_2\text{O}_3 \cdot \text{Me}(\text{II})(\text{anion})_2 \cdot n\text{H}_2\text{O}$ where $n = 0$ to 24 and

$3\text{Me}(\text{II})\text{O} \cdot \text{R}_2\text{O}_3 \cdot \text{Me}(\text{II})(\text{anion}) \cdot n\text{H}_2\text{O}$ where $n = 0$ to 18 ,

where $\text{Me}(\text{II})$ is one or more divalent cations selected from the group consisting of Ca, Ba, Sr, Mn and Zn; R_2 is Al_2 , Fe_2 or Cr_2 ; and

anion is NO_2 , NO_3 , CO_3 , BO_4 or OH , but when $\text{Me}(\text{II})$ is Ca, R_2 is not Al_2 ,

positioning said slurry adjacent to said concrete structure, and sequestering chloride ions in said compound.

16. **(Original)** The method of Claim 15 including
creating an overlay on said concrete structure with said slurry and allowing said slurry to set.

17. **(Currently Amended)** The method of Claim 16 including
securing said overlay to said concrete structure to permit chloride ion exchange therebetween.

18. **(Previously Presented)** The method of Claim 17 including
applying a preformed panel over said overlay.

19. **(Previously Presented)** The method of Claim 18 including providing said preformed panel with lower porosity than said slurry layer.

20. **(Original)** The method of Claim 16 including employing in said slurry at least one material selected from the group consisting of NaAlO_4 , $\text{Ca}(\text{NO}_2)_2$ and NaNO_2 .

21. **(Previously Presented)** The method of Claim 16 including employing $\text{Ca}(\text{OH})_2$ in said compound.

22. **(Original)** The method of Claim 16 including employing in said compound an aluminum constituent selected from the group consisting of alumina, aluminate and alumina hydroxide.

23. **(Original)** The method of Claim 22 including employing in said source of aluminum a material other than $\text{CaO} \cdot \text{Al}_2\text{O}_3$ and $3\text{CaO} \cdot \text{Al}_2\text{O}_3$.

24. **(Original)** The method of Claim 16 including employing as said compound a compound capable of establishing a corrosion resistant oxide layer on embedded metal elements.

25. **(Original)** The method of Claim 16 including employing a nitrite-containing compound as said compound.

26. **(Previously Presented)** The method of Claim 16 including
employing as said compound a compound selected from the group
consisting of

$3\text{CaO}\cdot\text{Fe}_2\text{O}_3\cdot\text{Ca}(\text{NO}_2)_2\cdot n\text{H}_2\text{O}$; and $3\text{CaO}\cdot\text{Fe}_2\text{O}_3\cdot\text{Ca}(\text{NO}_3)_2\cdot n\text{H}_2\text{O}$

wherein $n = 0$ to 24.

27. – 31. **(Cancelled)**